

Amendment to the Claims:

This listing of claims will replace all versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-47 (Cancelled)

48. (New) A method for color balancing an image output device having an image output engine, comprising the steps of:

receiving electronic document data encoded in a multidimensional component color space, the electronic document data defining an image comprising,

a centralized image portion, including colorization highly sensitive to variations to relative intensities of component values,

a plurality of selectable color regions extending generally radially from the centralized image portion, wherein each color region corresponds to a bias color associated with the centralized image portion, and

a plurality of selectable bias values associated with each color region, wherein bias values are reflected as being graduated relative to an associated color region and a radial distance from the centralized image portion;

outputting a color image in accordance with the electronic document data;

visually comparing the color image with a reference;

receiving an adjustment parameter in accordance with at least one selected color region and associated bias value selected after the step of visually comparing; and

adjusting image output engine colorization parameters based on the adjustment parameter.

49. (New) The method of claim 48 wherein the reference comprises a plurality of images, each image having a different background.

50. (New) The method of claim 49 wherein the plurality of images has one image with a light background.

51. (New) The method of claim 50 wherein the plurality of images has one image with a dark background.

52. (New) The method of claim 51 wherein the image with a light background is the same image as the image with the dark background.

53. (New) The method of claim 51 wherein the color image comprises a first image outputted with a light background and a first image with a dark background.

54. (New) The method of claim 53 further comprising the step of visually comparing the color image with the reference by determining whether any details are missing from the first image with a light background and the first image with a dark background.

55. (New) The method of claim 49 wherein commands for performing the method are input via a control panel interface on the image output device.

56. (New) The method of claim 49 wherein the commands for performing the method are input via a remote computer communicatively coupled to the image output device.

57. (New) The method of claim 49 wherein the adjustment parameter is selected from the group consisting of lighten, darken, and no adjustment.

58. (New) An image output apparatus for color balancing an image output device having an image output engine, comprising the steps of:

means adapted for receiving electronic document data encoded in a multidimensional component color space, the electronic document data defining an image comprising,

 a centralized image portion, including colorization highly sensitive to variations to relative intensities of component values,

a plurality of selectable color regions extending generally radially from the centralized image portion, wherein each color region corresponds to a bias color associated with the centralized image portion, and

a plurality of selectable bias values associated with each color region, wherein bias values are reflected as being graduated relative to an associated color region and a radial distance from the centralized image portion;

means adapted for outputting a color image in accordance with the electronic document data;

means adapted for visually comparing the color image with a reference;

means adapted for receiving an adjustment parameter in accordance with at least one selected color region and associated bias value based on an output of the means adapted for visually comparing; and

means adapted for adjusting image output engine colorization parameters based on the adjustment parameter.

59. (New) The image output apparatus of claim 58 wherein the reference image comprising a plurality of images, each image having a different background.

60. (New) The image output apparatus of claim 59 wherein the plurality of images has one image with a light background.

61. (New) The image output apparatus of claim 60 wherein the plurality of images has one image with a dark background.

62. (New) The image output apparatus of claim 61 wherein the image with a light background is the same image as the image with the dark background.

63. (New) The image output apparatus of claim 62 wherein the color image comprises a first image outputted with a light background and a first image with a dark background.

64. (New) The image output apparatus of claim 58 further comprising an interface wherein commands are input via a control panel interface.

65. (New) The image output apparatus of claim 58 wherein the adjustment parameter is selected from the group consisting of lighten, darken and no adjustment.